      a.   Authorization to initiate Additional Archeological Investigation

      10.   Other Additional Services

      a.   Authorization to Initiate Other Additional Services

      11.   Final Design Documents

5   a. Construction Drawings, Completed Project Manual, Estimate of Construction

Cost, Geotechnical Report, Final Engineering Design Report, Completeness Checklist

Phase II Design Review Module manages the documentation associated with the

following eleven (11) phases of this process. The flowchart on the following page illustrates

10   the Final Design Review process.

      1.   Contract Project Director (CPD) Plan Review

      a.   Document reference location information only - DC submits final design plans

to CPD and PM staff

15   2.   Owning Division/User Agency Review

      a.   No Documentation

      3.   Constructability Review

      a.   No Documentation

      4.   Front-End Documents

20   a.   Form 00010 - Project Information Form (C)

      b.   Document 00800 - Supplementary Conditions guide (C)

      c.   Division 00 - Bid Documents - refer to attached page of all bid documents that

need to be submitted

      d.   Division 01- General Requirements

e.   The purpose of this phase is to develop a package which will consist of Bid

Documents, General Requirements, and basic correspondence for the Project Manger to

review

5.   Bid-Ready Documents

a.   No documentation - documents from previous step are reviewed once more

and after review the front-end documents are placed into construction documents

6.   Code Enforcement Review for Building Permit (if required)

a.   Commercial Building Permit Application

7.   Private Utility Signatures and Other Agency Approvals (if required)

a.   No documentation

8.   Authorizing Signatures

a.   No documentation - purpose is for all bid-ready documents for project to be

approved by owner or agency

9.   Request for Advertisement

a.   Advertisement for Bids

b.   Request for Advertisement

10.   Production of Bid-Ready Documents

a.   Plan Holder's List

11.   Advertisement for Bids

a.   No documentation - purpose is to advertise in the newspaper for bids

Referring now to Fig. 8, various modules associated with the construction system 106

are shown.   First, the help module 108 is provided. Next, a new project launch 110 receives

new projects being opened. The new project module is the first module that needs to have

user input before any other module will function. This module will consist of the project

information table. The new project will have an input field for project name and project

number. The project number is critical since the database will key of this number to link

other related data tables. Other input fields that will be needed for this module are funding

number, funding source, drawing number, key map number, area, and council district. The

primary data table that the new project table will be interfacing with is the contract

information data table.

The new project module 110 communicates with a new contract module 112. The

new contract module will define the contract information for the project. The module will

consist of a contract information data table, contractor information data table, contractor

affidavit data table. This module will receive project data from the new project information

table. The new contract module will have an input field for the contractor number and

contractor name, which will be the primary fields. The contract information will also consist

of the unit bid contract, which will define the unit price for each item needed for the project

along with its planned quantity. The other input fields will consist of contractor id, contract

date, contract amount, contract days, ordinance number, gfs number, contractor name, and

contract start date.

The new contracts module 112 in turn communicates with a bid price module 114.

The Unit Price Bid Contract Module imports the winning construction contractor bid

tabulation information. This Bid Tab will be used in by inspectors to track the actual

quantities delivered and computation of the contractors earned value will be performed.

The unit bid price module 114 communicates with a daily field report module 118.

This is an output module that will create the daily posting report. This module will be linked

and take input from the three data tables described in the Field Journal Module. The major